PTQ/\$8/21 (09-04) Approved for use through 07/31/2006. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMS control number. Application Number 10/697,419 Filing Date October 30, 2003 TRANSMITTAL First Named Inventor PATTERSON, Stocoy FORM Art Unit 1852 Examiner Name iqoat Hossain Chowdhury (to be used for all correspondence after initial fiting) Attomey Docket Number 6704-30 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers of Appeals and Interferences Fee Attached Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) ~ Petition Amendment/Reply Pelition to Convert to a Proprietary Information Provisional Application After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Affidavits/declaration(s) Other Enclosure(s) (please Identify Terminal Disclaimer below): Extension of Time Request Request for Refund Express Abandonment Request CD. Number of CD(s)\_ Information Disclosure Statement Landscape Table on CD Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Paris under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Ruden, McClosky, Sprith, Schuster & Russell, P.A. Signature Printed name Stanley A. Řím, Ph.D., Esq. Reg. No. 42,730 Date September 🊜 2006 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date September 19, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND PEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Stanley A. Kim, Ph.D., Esq.

Typed or printed name

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reg. No. 42,730

In re: Application of PATTERSON, Stacey et al.

Application No.:

10/697,419

Examiner:

lqbal Hossain Chowdhury

Date filed:

October 30, 2003

Art Unit:

1652

Attorney Docket No.: 6704-30

Confirmation No.:

7565

MODIFIED LUCIFERASE NUCLEIC ACIDS AND METHODS OF USE

CERTIFICATE UNDER 37 CFR 1.8(A)

I hereby certify that this correspondence is being facsintile transmitted to the USPTO at their central Fax No. 571-273-8300, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450 on Spk-Ar 19, 2006

## RESPONSE UNDER 37 C.F.R. §1.111

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the office action mailed June 20, 2006 (hereinafter the "Office Action"), please enter the amendments and consider the remarks as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

WP8:258719;1